s e c t i o n

Transportation and the Economy

Gross Domestic Product (GDP) Attributed to Transportation-Related Final Demand

(Current value, billions (or thousand millions) of U.S. dollars)

| | | Canada | | | Mexico | | U | nited State | es |
|--|-------|--------|--------------------|-------|--------|-------|---------|-------------------|---------|
| | 1990 | 1995 | 1996 | 1990 | 1995 | 1996 | 1990 | 1995 ^r | 1996 |
| Personal consumption of transportation, | | | | | | | | | |
| total | 48.1 | 45.4 | 49.1 | 24.7 | 26.1 | 32.2 | 462.5 | 574.1 | 612.0 |
| Road motor vehicles and parts ^a | 21.4 | 20.7 | 23.0 | 7.7 | 6.3 | 8.2 | 204.6 | 247.4 | 256.4 |
| Motorcycles and other | 0.9 | 8.0 | 8.0 | U | U | U | 5.0 | 7.9 | 8.7 |
| Motor fuel and lubricants | 11.2 | 10.0 | 10.5 | 5.8 | 5.0 | 6.0 | 109.3 | 115.6 | 124.5 |
| Transport services | 14.6 | 13.9 | 14.8 | 11.2 | 14.8 | 18.1 | 143.6 | 203.2 | 222.4 |
| Gross private domestic investment, total | 12.4 | 11.1 | 11.8 | U | U | U | 78.5 | 130.6 | 142.6 |
| Transportation structures | 2.3 | 1.8 | 2.3 | U | U | U | 3.0 | 4.4 | 5.4 |
| Transportation equipment | 10.1 | 9.3 | 9.5 | U | U | U | 75.5 | 126.2 | 137.2 |
| Exports (+), total | 39.7 | 58.9 | 61.3 | 6.3 | 14.6 | 19.5 | 106.7 | 133.6 | 143.2 |
| Aircraft, engines and parts | 4.2 | 4.7 | 5.5 | 0.1 | 0.3 | 0.1 | 32.2 | 26.1 | 30.8 |
| Road motor vehicles, engines and parts | 32.1 | 49.3 | 50.5 | 4.8 | 12.4 | 17.0 | 36.5 | 61.8 | 65.0 |
| Passenger fares | 1.5 | 1.7 | 1.9 | 0.4 | 0.7 | 0.8 | 15.3 | 18.9 | 20.4 |
| Other transportation | 1.9 | 3.2 | 3.4 | 1.0 | 1.2 | 1.6 | 22.7 | 26.8 | 27 |
| Imports (-), total | 35.8 | 47.9 | 49.4 | 9.7 | 12.2 | 13.5 | 134.7 | 176.6 | 185.1 |
| Aircraft, engines and parts | 2.8 | 2.9 | 3.6 | 0.1 | 0.0 | 0.1 | 10.5 | 10.7 | 12.7 |
| Road motor vehicles, engines and parts | 29.6 | 40.8 | 41.3 | 5.8 | 7.6 | 8.4 | 88.5 | 123.8 | 128.9 |
| Passenger fares | 2.7 | 2.8 | 3.1 | 0.5 | 0.4 | 0.6 | 10.5 | 14.7 | 15.8 |
| Other transportation | 0.7 | 1.4 | 1.4 | 3.3 | 4.1 | 4.4 | 25.2 | 27.4 | 27.7 |
| Net exports of transportation-related | | | | | | | | | |
| goods and services | 3.9 | 11.0 | 11.9 | -3.4 | 2.4 | 6.0 | -28.0 | -43.0 | -41.9 |
| Government transportation-related | | | | | | | | | |
| purchases, total | 7.7 | 7.1 | 6.4 | U | U | U | 110.6 | 136.6 | 143.3 |
| Federal purchases | 0.6 | 0.3 | 0.2 | U | U | U | 14.6 | 18.1 | 18.9 |
| State/province and local purchases | 5.7 | 5.7 | 5.3 | U | U | U | 87.1 | 110.0 | 115.5 |
| Defense related purchases | 1.4 | 1.1 | 0.9 | U | U | U | 8.9 | 8.5 | 8.9 |
| Transportation-related final demand, total | 72.0 | 74.6 | 79.2 | 22.7 | 30.0 | 40.2 | 623.6 | 798.3 | 856.0 |
| Gross domestic product | 540.1 | 545.9 | ^p 568.7 | 240.4 | 261.5 | 302.2 | 5,743.8 | 7,269.6 | 7,661.6 |
| Transportation in GDP, total (percent) | 13.4 | 13.6 | 13.9 | U | U | U | 10.9 | 11.0 | 11.2 |

^aExcludes boats, noncommercial trailers and aircraft.

KEY: p = Data are preliminary. r = Data are revised. U = Data are unavailable.

NOTES

Mexico

Road motor vehicles and parts: Data include motorcycles which cannot be disaggregated into a separate category.

Motorcycles and other: Data are unavailable as motorcycles are included in the category, road motor vehicles and parts and cannot be further disaggregated.

Transportation related final demand: Excludes data for government purchases and gross private domestic investment.

Transportation in GDP: The total percent of transportation in GDP was not calculated due to the unavailability of data for government and private sector purchases.

Gross Domestic Product (GDP) Attributed to Transportation-Related Final Demand-Continued

SOURCES

Canada

Statistics Canada. Input-Output Division. Special tabulations. (Ottawa, Ont.: 1998).

Mayica

Instituto Nacional de Estadística, Geografía e Informática. Dirección General de Contabilidad Nacional, Estudios Socioeconómicos y Precios. Sistema de Cuentas Nacionales de México, 1988-1996. (Aguascalientes, Ags: 1997).

United States

U.S. Department of Transportation. Bureau of Transportation Statistics, April 1999 based on data from the U.S. Department of Commerce. Bureau of Economic Analysis. *Historical Data Tables*. (Washington, DC: 1990).

U.S. Department of Commerce. Bureau of Economic Analysis. Survey of Current Business and special tabulations. (Washington, DC: 1998).

Personal Consumption Expenditures on Transportation by Subcategory of Expenditure

(Current value, millions of U.S. dollars)

| | | Canada | | Mexico | | | United States | | |
|---|--------|--------|--------|--------|--------|--------|---------------|-------------------|---------|
| | 1990 | 1995 | 1996 | 1990 | 1995 | 1996 | 1990 | 1995 ^r | 1996 |
| Transportation, total | 48,100 | 45,700 | 49,300 | 24,673 | 26,110 | 32,241 | 462,500 | 574,100 | 612,000 |
| User-operated transportation, total ^a | 40,100 | 38,200 | 41,500 | 13,437 | 11,334 | 14,170 | 426,200 | 531,800 | 567,600 |
| Personal road motor vehicles, | | | | | | | | | |
| new and used | 18,500 | 17,900 | 20,100 | 3,623 | 1,726 | 3,252 | 180,200 | 219,100 | 226,600 |
| New and used passenger cars | 14,500 | 13,600 | 14,800 | U | U | U | 124,000 | 139,600 | 141,600 |
| New and used trucks | 3,100 | 3,500 | 4,500 | U | U | U | 51,200 | 71,600 | 76,300 |
| New and used motorcycles and other motor vehicles | 900 | 800 | 800 | U | U | U | 5,000 | 7,900 | 8,700 |
| Parts and accessories of road motor | | | | | | | | | |
| vehicles | 3,800 | 3,700 | 3,800 | 3,777 | 4,299 | 4,596 | 29,400 | 36,200 | 38,500 |
| Repair and rental | 4,600 | 4,200 | 4,300 | 283 | 284 | 308 | 87,300 | 128,700 | 143,700 |
| Repair | 4,100 | 3,900 | 4,000 | U | U | U | 73,500 | 92,400 | 98,000 |
| Rental | 500 | 300 | 300 | U | U | U | 13,800 | 36,300 | 45,700 |
| Motor fuel and lubricants | 11,200 | 10,000 | 10,500 | 5,753 | 5,024 | 6,015 | 109,300 | 115,600 | 124,500 |
| Tolls | 100 | 100 | 100 | U | U | U | 2,000 | 2,800 | 2,800 |
| Insurance premium, less claims paid | 1,900 | 2,300 | 2,700 | U | U | U | 18,000 | 29,400 | 31,500 |
| Purchased intercity transportation, | | | | | | | | | |
| total | 6,500 | 6,000 | 6,300 | 5,362 | 8,748 | 10,791 | 28,500 | 33,100 | 34,400 |
| Intercity passenger rail | 200 | 100 | 100 | 31 | 9 | 11 | 800 | 800 | 800 |
| Intercity bus | 300 | 200 | 200 | 3,118 | 6,983 | 8,316 | 1,000 | 1,100 | 1,100 |
| Air | 4,300 | 4,000 | 4,200 | 1,473 | 1,017 | 1,484 | 23,900 | 27,900 | 28,500 |
| Other | 1,700 | 1,700 | 1,800 | 740 | 739 | 978 | 2,800 | 3,300 | 4,000 |
| Purchased local and suburban | | | | | | | | | |
| transportation, total | 1,500 | 1,500 | 1,500 | 5,874 | 6,029 | 7,280 | 7,800 | 9,200 | 10,000 |
| Mass transit system | 1,100 | 1,100 | 1,100 | 1,551 | 1,367 | 1,801 | 5,200 | 6,000 | 6,500 |
| Taxi | 400 | 400 | 400 | 4,323 | 4,662 | 5,479 | 2,600 | 3,200 | 3,500 |

^aExcludes motor vehicles used primarily for recreation.

KEY: r = Data are revised. U = Data are unavailable.

NOTES

All Countries

Purchased local and surburban transportation, mass transit system: Includes purchases for subway, local bus and other transit fares.

Mexico

Data refer to household spending.

SOURCES

Canada

Statistics Canada. Input-Output Division. Special tabulations. (Ottawa, Ont.: 1998).

Mexico

Instituto Nacional de Estadística, Geografía e Informática. Dirección General de Contabilidad Nacional, Estudios Socioeconómicos y Precios. Sistema de Cuentas Nacionales de México, 1988-1996. (Aguascalientes, Ags: 1997).

United States

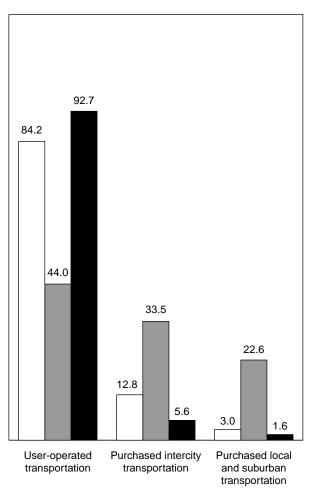
U.S. Department of Transportation. Bureau of Transportation Statistics, April 1999 based on data from the U.S. Department of Commerce. Bureau of Economic Analysis. *Historical Data Tables*. (Washington, DC: 1990).

U.S. Department of Commerce. Bureau of Economic Analysis. Survey of Current Business and special tabulations. (Washington, DC: 1998).

f i g u r e 2-2a

Percent Share of Personal Consumption Expenditures for Transportation by Major Subcategory: 1996



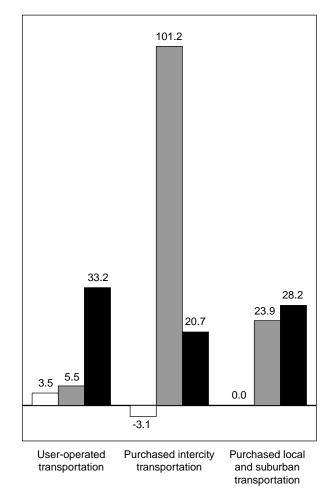


Notes and sources: See Table 2-2.

f i g u r e _{2-2b}

Percent Change in Personal Consumption Expenditures for Transportation by Major Subcategory: 1990 to 1996





Notes and sources: See Table 2-2.

Government Expenditures for Transportation by Mode^a

(Current value, millions of U.S. dollars)

| | | Canada | | Mexico | | | United States | | |
|---------------------------------------|----------|---------|---------|---------|-------|---------|---------------|-----------|-----------|
| | 1990 | 1995 | 1996 | 1990 | 1995 | 1996 | 1990 | 1995 | 1996 |
| Government ^a expenditures, | | | | | | | | | |
| total | N | N | N | N | N | N | 96,404.0 | 123,073.2 | 124,531.5 |
| Air | 1,433.8 | 1,155.6 | 1,216.7 | 136.5 | 210.0 | 171.0 | 10,983.0 | 14,209.5 | 14,222.8 |
| Infrastructure | N | N | N | 52.2 | 39.6 | 54.5 | 3,111.0 | 3,289.1 | 3,317.5 |
| Equipment | N | N | N | 0.0 | 0.0 | 0.0 | 988.0 | 1,392.3 | 1,364.1 |
| Current operations | N | N | N | 84.3 | 170.4 | 116.5 | 6,884.0 | 9,528.1 | 9,541.2 |
| Water transport | 397.8 | 233.5 | 330.5 | 157.1 | 70.8 | 93.1 | 4,294.0 | 4,813.4 | 4,878.0 |
| Infrastructure | N | N | N | 46.5 | 41.1 | 49.1 | 968.0 | 958.1 | 1,030.4 |
| Equipment | N | N | N | 46.8 | 0.0 | 0.0 | 341.0 | 648.5 | 639.4 |
| Current operations | N | N | N | 63.8 | 29.7 | 44.0 | 2,985.0 | 3,206.8 | 3,208.2 |
| Pipeline, oil and gas | 6.1 | 2.6 | 0.0 | U | U | U | 27 | 42 | 46 |
| Infrastructure | N | N | N | U | U | U | NA | NA | NA |
| Equipment | N | N | N | U | U | U | NA | NA | NA |
| Current operations | N | N | N | U | U | U | NA | NA | NA |
| Rail | 1,607.8 | 1,518.3 | 414.1 | 1,023.4 | 519.8 | 585.2 | 541.0 | 1,043.0 | 1,189.0 |
| Infrastructure | N | N | N | 460.6 | 256.0 | 186.6 | U | U | U |
| Equipment | N | N | N | 14.1 | 179.5 | 180.1 | U | U | U |
| Current operations | N | N | N | 548.7 | 84.3 | 218.5 | U | U | U |
| Intercity passenger rail | N | N | N | U | U | U | U | U | U |
| Freight rail | N | N | N | U | U | U | NA | NA | NA |
| Transit rail | N | N | N | U | U | U | 18,788.0 | 25,201.8 | 25,777.5 |
| Infrastructure | N | N | N | U | U | U | 2,891.0 | 5,393.3 | 6,155.6 |
| Equipment | N | N | N | U | U | U | 2,552.0 | 2,113.9 | 1,828.0 |
| Current operations | N | N | N | U | U | U | 13,345.0 | 17,694.6 | 17,793.9 |
| Road | 10,154.5 | 8,902.5 | 8,595.4 | 654.9 | 892.2 | 1,295.3 | 61,771.0 | 77,763.5 | 78,418.2 |
| Infrastructure | N | N | N | 613.6 | 826.0 | 1,204.9 | 29,502.0 | 37,445.8 | 37,964.0 |
| Equipment | N | N | N | 0.0 | 0.0 | 0.0 | 4,546.0 | 5,425.4 | 5,418.0 |
| Current operations | N | N | N | 41.3 | 66.2 | 90.4 | 27,723.0 | 34,892.3 | 35,036.2 |

^aGovernment refers to local, state or provincial and federal levels of government, unless otherwise noted.

KEY: N = Data are nonexistent. NA = Not applicable. U = Data are unavailable.

NOTES

Mexico

Road: Includes federal government expenditures on Mexico's federal highways.

Total: Data represent the sum of the subcategories in this table.

Pipeline and freight rail: Detailed subcategory data are not applicable because expenditures for these two modes are primarily by the

Intercity passenger rail: Federal payments to the National Railroad Passenger Corporation (Amtrak) were \$806 million in 1995, according to the 1997 U.S. budget. These payments are not included in this table because, as subsidies, they do not fall into any of the three expenditure categories in the table.

Government Expenditures for Transportation by Mode^a-Continued

SOURCES

Canada

Statistics Canada. Public Institutions Division. Special tabulations. (Ottawa, Ont.: 1999).

Mexico

1990: Secretaría de Programación y Presupuesto. *Cuenta de la Hacienda Pública Federal, 1990*. (Mexico City, D.F.: 1991). 1995-96: Secretaría de Hacienda y Crédito Público. *Cuenta de la Hacienda Pública Federal, 1995* and *1996*. (Mexico City, D.F.: 1996 and 1997).

United States

U.S. Department of Transportation, Bureau of Transportation Statistics, April 1999 based on data from the U.S. Department of Commerce. U.S. Census Bureau. *Government Finances: 1989-90.* (Washington, DC: 1990).

U.S. Department of Commerce. U.S. Census Bureau. Web site: www.census.gov/govs

U.S. Department of Transportation, Bureau of Transportation Statistics. *Government Transportation Financial Statistics*. (Washington, DC: 1997).

Employment in Transportation and Related Industries

(Thousands of employees)

| | | Canada | | | Mexico | | U | nited State | !S |
|---|-----------------|-----------------|-----------------|---------|---------|-----------------|---------|-------------|---------|
| | 1990 | 1995 | 1996 | 1990 | 1995 | 1996 | 1990 | 1995 | 1996 |
| Employed labor force, total | 11,369 | 10,876 | 10,967 | 25,958 | 27,348 | 28,282 | 118,793 | 124,900 | 126,708 |
| Transportation labor force | 1,176 | 1,051 | 1,068 | 1,652 | 1,741 | 1,910 | 9,685 | 9,579 | 10,125 |
| Transport sectors | 500 | 447 | 442 | 1,332 | 1,407 | 1,513 | 3,293 | 3,636 | 4,034 |
| Air | 61 | 53 | 56 | 23 | 20 | 21 | 745 | 788 | 1,122 |
| Trucking, warehousing and storage | 158 | 152 | 159 | 553 | 553 | 608 | 1,391 | 1,583 | 1,641 |
| Trucking | 145 | 136 | 141 | 536 | 536 | 593 | 1,274 | 1,440 | 1,484 |
| Warehousing and storage | 13 | 16 | 18 | 17 | 17 | 15 | 117 | 143 | 152 |
| Local and intercity passenger | | | | | | | | | |
| transport | 92 | 77 | 77 | 589 | 673 | 709 | 338 | 424 | 440 |
| Intercity and rural | e4 | e4 | e3 | 117 | 154 | 160 | 26 | 24 | 26 |
| Local and suburban transit | | | | | | | | | |
| systems | ^e 23 | ^e 17 | ^e 16 | 122 | 124 | 135 | 141 | 203 | 217 |
| School bus | ^e 39 | ^e 39 | ^e 38 | U | U | U | 111 | 134 | 133 |
| Taxi | N | N | N | 350 | 395 | 414 | 32 | 32 | 31 |
| Other local and intercity | ^e 3 | ^e 2 | e3 | U | U | U | 28 | 31 | 33 |
| Railroad | 69 | 53 | 51 | 35 | 19 | 20 | 279 | 239 | 231 |
| Water | 17 | 18 | 18 | 34 | 29 | 28 | 177 | 174 | 173 |
| Pipeline | 9 | 8 | 7 | U | U | U | 18 | 15 | 15 |
| Transportation services | 107 | 102 | 92 | 98 | 113 | 127 | 345 | 413 | 417 |
| Transportation vehicle and | | | | | | | | | |
| equipment manufacturing | 243 | 230 | 247 | 255 | 215 | 229 | 2,539 | 2,460 | 2,464 |
| Aircraft and parts | 45 | 37 | 40 | 6 | 5 | 5 | 712 | 449 | 460 |
| Road motor vehicles, equipment, parts and accessories | 150 | 154 | 160 | 193 | 176 | 188 | 1,278 | 1,563 | 1,565 |
| Road motor vehicles and equipment | 50 | 53 | 54 | U | U | U | 812 | 968 | 963 |
| Parts and accessories, road motor | | | | | | | | | |
| vehicles | 87 | 88 | 92 | N | N | N | 400 | 516 | 530 |
| Truck, bus bodies and trailers | 13 | 13 | 14 | N | N | N | 66 | 79 | 73 |
| Railroad equipment | 7 | 10 | 9 | 28 | 14 | 14 | 33 | 37 | 36 |
| Ship/boat building and repair | 17 | 7 | 10 | 5 | 2 | 4 | 188 | 159 | 157 |
| Tires and tubes | 22 | 22 | 24 | 16 | 13 | 14 | 84 | 80 | 80 |
| Other transportation equipment | 2 | С | 4 | 7 | 5 | 5 | 244 | 172 | 166 |
| Related industries, total ^a | 420 | 358 | 379 | 65 | 119 | 169 | 3,180 | 3,382 | 3,523 |
| Auto repair services | 71 | 70 | 70 | U | U | U | 914 | 1,020 | 1,084 |
| Gasoline service stations | 113 | 69 | 65 | U | U | U | 647 | 647 | 670 |
| Highway and street construction | 65 | 47 | 51 | 65 | 119 | 169 | 239 | 227 | 235 |
| Road motor vehicle wholesalers | 61 | 64 | 65 | U | U | U | 456 | 492 | 502 |
| New and used car and light truck dealers | 110 | 108 | 110 | U | U | U | 924 | 996 | 1,032 |
| Government employment, total | N | N | N | U | U | U | 673 | 101 | 99 |
| Federal departments of transportation | e21 | e ₁₉ | e13 | 47 | 42 | ^b 75 | 104 | 101 | 99 |
| State/province and local | Z I N | | N | 47 U | 42 U | U | 569 | U | 99 U |
| State/province and local | IV | N | IN | U | U | U | 209 | U | U |

Employment in Transportation and Related Industries-Continued

^aEmployment data for related industries includes nontransportation occupations.

^bMexican data for 1996 includes part-time positions for work on the rural road program of the Secretaría de Comunicaciones y Transportes.

KEY: e = Data are estimated. C = Data are confidential. N = Data are nonexistent. U = Data are unavailable.

NOTES

All Countries

Data are based on annual averages. U.S. and Canadian data are based on the number of employees. Mexican data are based on the number of full-time positions.

Mexico

Federal Departments of Transportation: Labor force includes number of positions in the area of communications and in the area of transportation for the Secretaría de Comunicaciones y Transportes. It is not possible to further separate the Secretaría de Comunicaciones y Transportes employment data.

SOURCES

Canada

Statistics Canada. Employment, Earnings and Hours—Payrolls and Hours, Catalogue No. 72-002-XPB. (Ottawa, Ont.: various years).

Statistics Canada. Passenger Bus and Urban Transit Statistics, Catalogue No. 53-215-XPB. (Ottawa, Ont.: various years).

Statistics Canada. Special tabulations. (Ottawa, Ont.: 1998).

Transport Canada. Transportation in Canada 1997—Annual Report. (Ottawa, Ont.: 1998).

Mexico

Instituto Nacional de Estadística, Geografía e Informática. Dirección General de Contabilidad Nacional, Estudios Socioeconómicos y Precios. Sistema de Cuentas Nacionales de México, 1988 - 1996. (Aguascalientes, Ags: 1997).

Poder Ejecutivo Federal. Informe de Gobierno, various years. (Mexico City, D.F.: various years).

United States

Employed labor force, total: U.S. Department of Labor. Bureau of Labor Statistics. *Household Data Annual Averages, 1998.* Web site: www.stats.bls.gov

Private employment (Transport sectors, transportation vehicle and equipment manufacturing and related industries): U.S. Department of Transportation. Bureau of Transportation Statistics, April 1999, special tabulation based on data from:

U.S. Department of Labor. Bureau of Labor Statistics. *National Employment, Hours and Earnings, United States, 1988-1996.* (Washington, DC: various years).

U.S. Department of Labor. Bureau of Labor Statistics. *National Employment, Hours and Earnings, United States, June 1997.* (Washington, DC: 1997).

Government employment: U.S. Department of Transportation. Office of the Secretary. DOT Workforce Facts and DOT Employment Facts. (Washington, DC: various years).

U.S. Department of Commerce. U.S. Census Bureau. Statistical Abstract of the United States: 1998. (Washington, DC: 1998).

Employment in Transportation-Related Occupations

(Thousands of employees)

| | | Canada | | | Mexico | | U | nited State | S |
|--|--------|--------|--------|--------|--------|--------|---------|-------------|---------|
| • | 1990 | 1995 | 1996 | 1990 | 1995 | 1996 | 1990 | 1995 | 1996 |
| Employed labor force, total | 11,276 | 11,370 | 11,410 | 25,958 | 27,348 | 28,282 | 118,793 | 124,900 | 126,708 |
| Workers in transportation occupations, total | 418 | 430 | 429 | N | N | N | 3,980 | 4,258 | 4,406 |
| Transportation occupations (percent of total national labor force) | 3.7 | 3.8 | 3.8 | N | N | N | 3.4 | 3.4 | 3.5 |
| Road motor vehicle operators, total | 351 | 368 | 374 | N | N | N | 3,560 | 3,850 | 3,978 |
| Supervisors | 7 | 8 | 7 | N | N | N | 76 | 87 | 85 |
| Truck drivers | 234 | 224 | 237 | N | N | N | 2,627 | 2,860 | 3,019 |
| Drivers-sales workers | N | N | N | N | N | N | 201 | 158 | 156 |
| Bus drivers | 57 | 66 | 61 | N | N | N | 443 | 526 | 512 |
| Taxi cab drivers and chauffeurs | 18 | 17 | 16 | 350 | 395 | 414 | 208 | 211 | 203 |
| Other | 35 | 53 | 53 | N | N | N | 5 | 8 | 4 |
| Rail transportation, total | 24 | 23 | 18 | N | N | N | 118 | 104 | 116 |
| Supervisors | 6 | 2 | 2 | N | N | N | N | N | N |
| Conductors and yardmasters | 7 | 8 | 7 | N | N | N | 36 | 33 | 45 |
| Locomotive operations | 6 | 8 | 6 | N | N | N | 46 | 51 | 49 |
| Operating support | 4 | 4 | 2 | N | N | N | 28 | 17 | 15 |
| Other | С | С | С | N | N | N | 8 | 3 | 7 |
| Water transportation, total | 17 | 14 | 12 | N | N | N | 52 | 66 | 70 |
| Deck officers, captains and mates | 6 | 4 | 5 | N | N | N | 26 | 33 | 32 |
| Deck crew | 3 | 4 | 3 | N | N | N | 18 | 26 | 25 |
| Engineering officers | 4 | 2 | C | N | N | N | 2 | 3 | 8 |
| Bridge, lock and lighthouse | N | N | N | N | N | N | 6 | 4 | 5 |
| Other | 3 | 4 | 2 | N | N | N | N | N | N |
| Air transportation, total | 21 | 20 | 20 | N | N | N | 250 | 238 | 241 |
| Airplane pilots and navigators | 10 | 11 | 10 | N | N | N | 114 | 114 | 114 |
| Operating support | 8 | 7 | 6 | N | N | N | 136 | 124 | 127 |
| Air traffic controllers | N | N | N | N | N | N | 36 | 30 | 32 |
| Service and flight attendants | N | N | N | N | N | N | 100 | 94 | 95 |
| Other | 3 | 3 | 3 | N | N | N | N | N | N |
| Other transport operating | 5 | 4 | 4 | N | N | N | N | N | N |

KEY: C = Data are confidential. N = Data are nonexistent. NA = Not applicable.

NOTE: Canadian and U.S. employment data are based on annual averages and represent the number of employees.

Employment in Transportation-Related Occupations-Continued

SOURCES

Canada

Statistics Canada. Historical Labor Force Statistics, Catalogue No. 71-201-XPB. (Ottawa, Ont.: various years).

Statistics Canada. Special tabulations. (Ottawa, Ont.: 1998).

Mexico

Instituto Nacional de Estadística, Geografía e Informática. Dirección General de Contabilidad Nacional, Estudios Socioeconómicos y Precios. Sistema de Cuentas Nacionales de México, 1988-1996. (Mexico City, D.F.: 1997).

United States

Employed labor force: U.S. Department of Labor. Bureau of Labor Statistics. *Household Data Annual Averages*. Web site: www.stats.bls.gov

Transportation occupations: U.S. Department of Transportation. Bureau of Transportation Statistics, based on data from the U.S. Department of Labor. Bureau of Labor Statistics. *Employment and Earnings* and BLS underlying statistical details. (Washington, DC: various years).

Receipts and Payments Related to International Merchandise and Services Trade

(Balance of Payments Basis)

(Millions of current U.S. dollars)

| | | Canada | | Mexico | | | United States | | |
|--|---------|---------|---------|--------|--------|---------|---------------|----------|----------|
| | 1990 | 1995 | 1996 | 1990 | 1995 | 1996 | 1990 | 1995 | 1996 |
| Receipts from exports | | | | | | | | | |
| Merchandise exports, total | 127,687 | 191,130 | 202,300 | 40,711 | 79,542 | 96,000 | 392,924 | 584,743 | 625,075 |
| Inland freight | 3,668 | 5,049 | 4,955 | U | U | U | N | N | N |
| Other trade adjustments | -1,028 | -3,200 | -2,083 | U | U | U | -3,617 | -8,803 | -13,006 |
| Trade adjustments, total | 2,640 | 1,848 | 2,872 | U | U | U | -3,617 | -8,803 | -13,006 |
| Export merchandise trade (balance of payments) | 130,327 | 192,979 | 205,172 | 40,711 | 79,542 | 96,000 | 389,307 | 575,940 | 612,069 |
| Service exports, total | 19,210 | 26,396 | 29,336 | 15,360 | 17,488 | 19,494 | 147,571 | 210,596 | 236,768 |
| Transportation | 4,223 | 5,240 | 5,703 | 893 | 1,164 | 1,412 | 36,655 | 44,743 | 45,768 |
| Air | 893 | 875 | 925 | U | U | U | 8,174 | 10,015 | 10,564 |
| Land ^a | 990 | 1,673 | 1,945 | U | U | U | 1,264 | 2,091 | 2,212 |
| Water | 1,309 | 1,432 | 1,368 | U | U | U | 11,919 | 13,512 | 12,435 |
| Passenger fares | 1,032 | 1,260 | 1,465 | 441 | 668 | 775 | 15,298 | 19,125 | 20,557 |
| Tourism and other services | 14,987 | 21,156 | 23,633 | 14,467 | 16,324 | 18,082 | 110,916 | 165,851 | 191,000 |
| Tourism | 6,360 | 7,911 | 8,614 | 5,526 | 6,179 | 6,934 | U | U | U |
| Other services | 8,627 | 13,245 | 15,019 | 8,941 | 10,145 | 11,148 | U | U | U |
| Receipts, total | 149,538 | 219,343 | 234,497 | 56,071 | 97,029 | 115,493 | 536,878 | 786,534 | 848,837 |
| Payments for imports | | | | | | | | | |
| Merchandise imports, total | 116,738 | 164,364 | 170,670 | 41,593 | 72,453 | 89,469 | 495,980 | 743,445 | 795,289 |
| Inland freight | 3,236 | 3,173 | 3,395 | · U | · U | · U | 2,264 | 3,350 | 3,595 |
| Other trade adjustments | 842 | 23 | 394 | U | U | U | 93 | 2,569 | 4,355 |
| Trade adjustments, total | 4,078 | 3,196 | 3,789 | U | U | U | 2,357 | 5,919 | 7,950 |
| Merchandise import trade | | | | | | | | | |
| (balance of payments) | 120,817 | 167,560 | 174,459 | 41,593 | 72,453 | 89,469 | 498,337 | 749,364 | 803,239 |
| Services, total | 28,303 | 33,844 | 36,135 | 21,929 | 26,153 | 28,355 | 118,826 | 142,230 | 156,634 |
| Transportation | 5,786 | 8,042 | 8,121 | 1,132 | 1,449 | 1,669 | 34,880 | 41,772 | 43,446 |
| Air | 906 | 1,112 | 1,268 | U | U | U | 9,881 | 11,064 | 11,679 |
| Land ^a | 884 | 1,546 | 1,578 | U | U | U | 2,004 | 2,590 | 2,831 |
| Water | 1,964 | 2,987 | 2,773 | U | U | U | 12,464 | 13,685 | 13,160 |
| Passenger fares | 2,031 | 2,398 | 2,502 | 475 | 416 | 576 | 10,531 | 14,433 | 15,776 |
| Tourism and other services | 22,518 | 25,801 | 28,014 | 19,266 | 22,730 | 24,179 | 83,946 | 100,458 | 113,188 |
| Tourism | 10,931 | 10,170 | 11,084 | 5,519 | 3,171 | 3,387 | U | U | U |
| Other services | 11,587 | 15,631 | 16,930 | 13,747 | 19,559 | 20,789 | U | U | U |
| Payments, total | 149,118 | 201,363 | 210,577 | 63,522 | 98,606 | 117,824 | 617,163 | 891,594 | 959,873 |
| Balance | 420 | 17,980 | 23,920 | -7,451 | -1,577 | -2,331 | -80,285 | -105,060 | -111,036 |

^aLand refers to trucking, rail and pipeline services, unless otherwise noted.

KEY: N = Data are nonexistent. U = Data are unavailable.

NOTE: Detailed data on merchandise trade commodities can be found in Sections 6 and 7.

Receipts and Payments Related to International Merchandise and Services Trade

(Balance of Payments Basis)-Continued

SOURCES

Canada

Statistics Canada. Canada's Balance of International Payments, Catalogue No. 67-001-XPB. (Ottawa, Ont.: various years). Statistics Canada. Special tabulations. (Ottawa, Ont.: 1998).

Mexico

Banco de México. Indicadores Económicos. (Mexico City, D.F.: 1998).

United States

U.S. Department of Commerce. Bureau of Economic Analysis. *Survey of Current Business*. (Washington, DC: September 1993, July 1996 and October 1997).

U.S. Department of Commerce. Bureau of Economic Analysis. 1998 Annual Services Historical Disk. (Washington, DC: 1998).

Canada's Receipts From and Payments to Mexico for Merchandise and Services Trade

(Balance of Payments Basis)

(Millions of current U.S. dollars)

| | 1990 | 1995 | 1996 |
|--|-------|--------|--------|
| Receipts from exports to Mexico | | | |
| Merchandise exports, total | 562 | 835 | 922 |
| Trade adjustments, total | NA | NA | NA |
| Export merchandise trade (balance of payments) | 562 | 835 | 922 |
| Services, total | 71 | 105 | 159 |
| Transportation | 1 | 7 | 7 |
| Air | NA | NA | NA |
| Land ^a | NA | NA | NA |
| Water | NA | NA | NA |
| Passenger fares | 1 | 7 | 7 |
| Tourism and other services | 71 | 105 | 159 |
| Tourism | 42 | 48 | 59 |
| Other services | 29 | 57 | 100 |
| Receipts, total | 634 | 947 | 1,088 |
| Payments for imports from Mexico | | | |
| Merchandise imports, total (customs-origin) | 1,497 | 3,900 | 4,426 |
| Merchandise imports, total (customs-consignment) | NA | 2,471 | 2,723 |
| Trade adjustments, total | NA | NA | NA |
| Import merchandise trade (balance of payments) | NA | 2,471 | 2,723 |
| Services, total | 349 | 302 | 338 |
| Transportation | 8 | 4 | 6 |
| Air | NA | NA | NA |
| Land ^a | NA | NA | NA |
| Water | NA | NA | NA |
| Passenger fares | 8 | 4 | 6 |
| Tourism and other services | 349 | 302 | 338 |
| Tourism | 320 | 256 | 268 |
| Other services | 29 | 46 | 70 |
| Payments, total | NA | 2,777 | 3,067 |
| Balance | NA | -1,830 | -1,979 |

^aLand refers to trucking, rail and pipeline services, unless otherwise noted.

KEY: NA = Not applicable.

NOTE: Detailed data on North American merchandise trade commodities can be found in Section 6.

SOURCES

Statistics Canada. Canada's Balance of International Payments, Catalogue No. 67-001-XPB. (Ottawa, Ont.: various years). Statistics Canada. Special tabulations. (Ottawa, Ont.: 1998).

Canada's Receipts From and Payments to the United States for Merchandise and Services Trade

(Balance of Payments Basis)

(Millions of current U.S. dollars)

| | 1990 | 1995 | 1996 |
|--|---------|---------|---------|
| Receipts from exports to the United States | | | |
| Merchandise exports, total | 95,610 | 151,410 | 163,706 |
| Trade adjustments, total | 8 | -1,547 | -648 |
| Export merchandise trade (balance of payments) | 95,618 | 149,863 | 163,058 |
| Services, total | 10,783 | 15,101 | 16,759 |
| Transportation | 1,839 | 2,564 | 2,957 |
| Air | 275 | 283 | 323 |
| Land ^a | 990 | 1,673 | 1,945 |
| Water | 319 | 304 | 298 |
| Passenger fares | 256 | 304 | 392 |
| Tourism and other services | 8,944 | 12,537 | 13,801 |
| Tourism | 3,637 | 4,406 | 4,750 |
| Other services | 5,307 | 8,131 | 9,051 |
| Receipts, total | 106,402 | 164,964 | 179,816 |
| Payments for imports from the United States | | | |
| Merchandise imports, total (customs-origin) | 75,302 | 109,796 | 115,205 |
| Merchandise Imports, total (customs-consignment) | 79,959 | 122,364 | 128,551 |
| Trade adjustments, total | 3,584 | 3,306 | 3,602 |
| Import merchandise trade (balance of payments) | 83,544 | 125,670 | 132,154 |
| Services, total | 17,934 | 20,705 | 22,646 |
| Transportation | 2,418 | 3,200 | 3,318 |
| Air | 266 | 305 | 370 |
| Land ^a | 884 | 1,546 | 1,578 |
| Water | 376 | 251 | 251 |
| Passenger fares | 893 | 1,098 | 1,118 |
| Tourism and other services | 15,515 | 17,505 | 19,328 |
| Tourism | 7,529 | 6,591 | 7,235 |
| Other services | 7,987 | 10,914 | 12,093 |
| Payments, total | 101,478 | 146,375 | 154,800 |
| Balance | 4,924 | 18,589 | 25,016 |

^aLand refers to trucking, rail and pipeline services, unless otherwise noted.

NOTE: Detailed data on North American merchandise trade commodities can be found in Section 6.

SOURCES

Statistics Canada. Canada's Balance of International Payments. Catalogue No. 67-001-XPB. (Ottawa, Ont.: various years). Statistics Canada. Special tabulations. (Ottawa, Ont.: 1998).

U.S. Receipts From and Payments to Canada for Merchandise and Services Trade

(Balance of Payments Basis)

(Millions of current U.S. dollars)

| | 1990 | 1995 | 1996 |
|--|---------|----------|----------|
| Receipts from exports to Canada | | | |
| Merchandise exports, total | 83,674 | 127,226 | 134,210 |
| Trade adjustments, total | -210 | 359 | 399 |
| Export merchandise trade (balance of payments) | 83,464 | 127,585 | 134,609 |
| Services, total | 16,605 | 18,247 | 19,951 |
| Transportation | 2,800 | 3,807 | 4,051 |
| Air | 290 | 346 | 420 |
| Land ^a | 1,259 | 2,087 | 2,208 |
| Water | 272 | 90 | 92 |
| Passenger fares | 979 | 1,284 | 1,331 |
| Tourism and other services | 13,805 | 14,440 | 15,900 |
| Tourism | U | U | U |
| Other services | U | U | U |
| Receipts, total | 100,069 | 145,832 | 154,560 |
| Payments for imports from Canada | | | |
| Merchandise imports, total (customs value) | 91,380 | 144,369 | 155,892 |
| Trade adjustments, total | U | U | U |
| Import merchandise trade (balance of payments) | 93,098 | 148,087 | 158,640 |
| Services, total | 102,464 | 134,523 | 143,086 |
| Transportation | 2,722 | 3,505 | 3,853 |
| Air | 246 | 325 | 388 |
| Land ^a | 2,004 | 2,590 | 2,831 |
| Water | 217 | 284 | 243 |
| Passenger fares | 255 | 306 | 391 |
| Tourism and other services | 99,742 | 131,018 | 139,233 |
| Tourism | U | U | U |
| Other services | U | U | U |
| Payments, total | 195,562 | 282,610 | 301,726 |
| Balance | -95,493 | -136,778 | -147,166 |

 $^{^{\}mathrm{a}}\mathrm{Land}$ refers to trucking, rail and pipeline services, unless otherwise noted.

KEY: U = Data are unavailable.

NOTE: Detailed data on North American merchandise trade commodities can be found in Section 6.

SOURCES

U.S. Department of Commerce. Bureau of Economic Analysis. *Survey of Current Business*, September 1993, July 1996, and October 1997. (Washington, DC: various years).

U.S. Department of Commerce. Bureau of Economic Analysis. 1998 Annual Services Historical Disk. (Washington, DC: 1998).

U.S. Receipts From and Payments to Mexico for Merchandise and Services Trade

(Balance of Payments Basis)

(Millions of current U.S. dollars)

| | 1990 | 1995 | 1996 |
|--|--------|---------|---------|
| Receipts from exports to Mexico | | | |
| Merchandise exports, total | 28,279 | 46,292 | 56,792 |
| Trade adjustments, total | -170 | -110 | -57 |
| Export merchandise trade (balance of payments) | 28,109 | 46,182 | 56,735 |
| Services, total | 7,880 | 7,294 | 7,927 |
| Transportation | 811 | 912 | 1,156 |
| Air | 267 | 258 | 321 |
| Land ^a | 5 | 4 | 4 |
| Water | 75 | 135 | 184 |
| Passenger fares | 464 | 515 | 647 |
| Tourism and other services | 7,069 | 6,382 | 6,771 |
| Tourism | U | U | U |
| Other services | U | U | U |
| Receipts, total | 35,989 | 53,476 | 64,662 |
| Payments for imports from Mexico | | | |
| Merchandise imports, total (customs value) | 30,157 | 62,101 | 74,297 |
| Trade adjustments, total | U | U | U |
| Import merchandise trade (balance of payments) | 30,509 | 62,361 | 75,108 |
| Services, total | 8,279 | 10,687 | 11,562 |
| Transportation | 905 | 1,047 | 1,140 |
| Air | 238 | 294 | 345 |
| Land ^a | U | U | U |
| Water | 102 | 184 | 177 |
| Passenger fares | 565 | 569 | 618 |
| Tourism and other services | 7,374 | 9,640 | 10,422 |
| Tourism | U | U | U |
| Other services | U | U | U |
| Payments, total | 38,788 | 73,048 | 86,670 |
| Balance | -2,799 | -19,572 | -22,008 |

^aLand refers to trucking, rail and pipeline services, unless otherwise noted.

KEY: U = Data are unavailable.

NOTE: Detailed data on North American merchandise trade commodities can be found in Section 6.

SOURCES

U.S. Department of Commerce. Bureau of Economic Analysis. *Survey of Current Business*, September 1993, July 1996, and October 1997. (Washington, DC: various years).

U.S. Department of Commerce. Bureau of Economic Analysis. 1998 Annual Services Historical Disk. (Washington, DC: 1998).